

Title (en)

Hinge for a covered assembly between door frame and door wing

Title (de)

Türband für eine verdeckte Anordnung zwischen Türrahmen und Türflügel

Title (fr)

Penture pour un agencement couvert entre un cadre de porte et un vantail

Publication

EP 2642054 A3 20170927 (DE)

Application

EP 13159192 A 20130314

Priority

DE 102012102528 A 20120323

Abstract (en)

[origin: DE102012102528B3] The door hinge has wing portion (1) that is inserted in recess in the narrow side of door leaf (2), and a frame portion (4) that is provided in recess of door frame (3). A bracket (5) is rotatably mounted on the wing portion and frame portion by pivots (6,7). A locking device (10) allows rotation of bracket around pivots depending on opening angle of the door leaf. The locking device includes two spring-loaded locking pins (11,12) which are axially movable on the bracket so that the bracket is alternately latched with the wing portion and frame portion.

IPC 8 full level

E05D 3/12 (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP)

E05D 3/12 (2013.01); **E05D 11/1007** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2600/412** (2013.01); **E05Y 2600/62** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XAYI] GB 2001699 A 19790207 - PAUMELLERIE ELECTRIQUE
- [XAI] DE 102004007536 B3 20050217 - EDSCHA AG [DE]
- [YA] WO 0071846 A1 20001130 - TECNOLOGIA S A S DI VALENTINO [IT], et al
- [YA] DE 102008027219 B3 20090716 - SIMONSWERK GMBH [DE]

Cited by

CN111425091A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102012102528 B3 20130124; EP 2642054 A2 20130925; EP 2642054 A3 20170927

DOCDB simple family (application)

DE 102012102528 A 20120323; EP 13159192 A 20130314